

DPM 3211

E. I. DU PONT DE NEMOURS & CO. (INC.) WILMINGTON, DE 19898

POLYMER PRODUCTS DEPARTMENT

MATERIAL SAFETY DATA SHEET

MYL001

IDENTIFICATION

INFORMATION TEL. NO. 800-441-3637

PRODUCT NAME

CHEMICAL NAME

MYLAR® Polyester Film
Types A, AB, AH, AS, AT, AW, C, D
DB, DBL, DP, DW, ED, EDM, EL, EL21,
FB140, FG, FG90, GA, GA10, H01, HP,
LBR, FE140, FG200, FGMR, HLB, GA10MR,
XR944, XR945, XR871, XM871, XM871T1,

Polyethylene terephthalate
(uncoated)

CAS REGISTRY NO.

DEPARTMENT OF TRANSPORTATION

HAZARD CLASS Not regulated

SHIPPING NAME N/A

HAZARDOUS COMPONENTS

MATERIAL	CAS	%	OSHA PEL	TLV (TWA)	DU PONT AEL
None	N/A	N/A	N/A	N/A	N/A

IS ANY CHEMICAL PRESENT IN THIS PRODUCT AT A CONCENTRATION OF 0.1% OR MORE CLASSIFIED
AS A CARCINOGEN BY IARC, NTP OR OSHA? YES/NO

No

PHYSICAL DATA

MELTING POINT	N/A	SOLUBILITY IN WATER	Insoluble	% VOLATILE	0.8
FORM	Solid	APPEARANCE	Film	COLOR	Clear
				ODOR	None

FIRE AND EXPLOSION DATA

FLASH POINT	N/A	FLASH IGNITION TEMP.	497°C	METHOD	UL 94 V-2
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FIRE AND EXPLOSION HAZARDS During processing film can pick up strong static charge.

Discharge into dust or solvent laden air may cause flash fire or explosion.

EXTINGUISHING MEDIA Water, carbon dioxide, foam, dry chemicals.

SPECIAL FIRE FIGHTING INSTRUCTIONS Use self-contained breathing apparatus is exposed to fumes.

HAZARDOUS REACTIVITY

CONDITIONS TO AVOID Polyesters are hydrolyzed by strong acids and bases and by water
at high temperatures. Acetaldehyde and small amounts of carbon dioxide and carbon
MATERIALS TO AVOID monoxide may be formed.

Strong acids and bases.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS Incomplete combustion may produce
carbon monoxide, acrolein, and aldehydes.

PERSON RESPONSIBLE— W. C. Percival

DATE REVISED September 18, 1986

NOTICE FROM DU PONT

The data in this MATERIAL SAFETY DATA SHEET relates only to the specific material designated herein and does not relate to use in
combination with any other material or in any process.

HEALTH HAZARD INFORMATION

ACUTE EFFECTS OF EXPOSURE
INGESTION (SWALLOWING) Low toxicity.

INHALATION (BREATHING) Not volatile. Irritating vapors may be released at temperatures above about 235°C.

SKIN CONTACT Not a skin irritant.

EYE CONTACT Not a likely route of exposure.

CHRONIC EFFECTS OF EXPOSURE None known.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION (SWALLOWING) Not a likely route of exposure.

INHALATION (BREATHING) Not a route of exposure. If exposed to fumes from overheating or from combustion, remove to fresh air.

SKIN CONTACT Not a skin irritant.

EYE CONTACT Not a likely route of exposure.

DISPOSAL PROCEDURES

AQUATIC TOXICITY Not toxic.

SPILL, LEAK, OR RELEASE Pick up film to prevent a slipping hazard.

WASTE DISPOSAL Landfill preferred. Forced draft incineration is an alternate. Disposal method must conform to Federal, state, and local regulations.

PROTECTION INFORMATION

VENTILATION Normal ventilation except at temperatures above 235°C where local exhaust is required.

PERSONAL PROTECTIVE EQUIPMENT
EYE Safety glasses recommended for good industrial safety practice.
GLOVES For handling hot film.
RESPIRATOR Not required.
OTHER N/A

SPECIAL PRECAUTIONS No special hazards anticipated under conditions normally encountered in storage, handling, processing, use, or disposal. Read Bulletin E60736 for safe handling instructions before using MYLAR® polyester film.

STORAGE CONDITIONS

N/A